

Manhole Inspection Summary

Manhole # S29YY_044MH

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Inspection ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **29YY** Node: **044** Status: **Found**

Insp Date: **10/9/08 2:12 PM**

Incomplete Comments

Crew: **REI2**
Inspector: **Provine, D**
Firm: **REI**

Location Address: **GILMAN TER**

Cross Street: **34TH ST**

Manhole Type: **Junction**

Location: **Woods**

Ground Conditions: **Wet**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments **ORIGINAL INSPECTION BY PHOENIX ENGINEERING CREW: SP, DP 08/29/07. COMPLETED BY REI/DRAYCO. REI/DRAYCO VISIT 9/10/08 LOCATED 30" LOCKING LID WITH NO LOCK BOLT. FRAME BECAME DISLODGED FROM STRUCTURE. DURING THE OPENNING ATTEMPT; OPENNING ATTEMPT FAILED.**

Cover

Shape: **Circular**

Diameter: **30** (in.) Length: (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Cracked**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame

Offset: **2** (in.)

Condition: ☐ Sound ☐ Cracked

☒ **Leaks**

Chimney / Frame Adjustment

☒ Exists Material: **Brick**

☐ Parged Height: **14** (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☐ None ☒ **Joint** ☐ Cracks ☒ **Mortar** ☐ Roots ☐ Wall

Corbel

Material: **Concrete**

☐ Parged

Type: **Flat top**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☒ **Mortar** ☐ Roots ☒ **Wall**

Barrel

Material: **Brick**

☐ Parged

Shape: **Circular**

Diameter: **48** (in.) Length: (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☒ **Mortar** ☐ Roots ☒ **Wall**

Bench

☒ Exists Material: **Brick**

☐ Parged

☒ **Debris** (not Condition related)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Channel

Material: **Brick**

☐ Parged

☐ Debris (not Condition related)

Channel Exposure: **Fully Open**

Junc Dist: **1.5**

nearest .5 ft.

Azimuth: **255**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Steps

Count: **4**

Missing: **1**

☒ **Corroded**

Surcharge

☒ **Evidence Of Surcharge**

Depth: **4.5** (ft.)

☐ Active Surcharge Present

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Location View



Top View



Evidence of surcharge - Bench debris.

Defect



Frame leaks. Frame offset. Adjustment, Corbel and Barrel infiltration.

Defect



Cracked cover.

Defect



Frame leaks.

Defect



Adjustment deterioration and infiltration. Corbel and Barrel infiltration.

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21 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **8.80** (ft.) Flow Characteristics: **Fast**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

10 in. Circular Gravity Sewer Pipe In @ 3 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **7.95** (ft.) Flow Characteristics: **Fast**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

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21 in. Circular Gravity Sewer

Pipe In @ 6 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay**

☐ Pipe Lined

Invert Depth: **8.45** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.)

Deposits Extent:

Infiltration: **None**

Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection